

WHAT IS CLAIMED IS:

1. A process for making an inflatable laminated article, comprising the steps of:
 - (A) contacting a first film with a second film;
 - 5 (B) heating selected portions of at least one the first and second films to a temperature above a fusion temperature of the first and second films, so that the first and second films are heat sealed to one another to produce a laminated article having heat seal pattern which provides a plurality of inflatable chambers between the first film and the second film;
 - 10 wherein the first and second films are forwarded at a speed of at least 120 feet per minute while coming into contact with one another, and wherein the heating is carried out by contacting the first film with a heated raised surface roller having a release coating thereon.
- 15 2. The process according to Claim 1, wherein the raised surface roller has a surface roughness of from 50 to 500 rms.
- 20 3. The process according to Claim 1, wherein the first and second films are heat sealed to one another under a combination of heat and pressure.
4. The process according to Claim 3, wherein the pressure is produced by means for forming a nip area.
- 25 5. The process according to Claim 4, wherein the first film is brought into contact with the raised surface roller and heated to the fusion temperature before passing through the nip area.
6. The process according to Claim 4, wherein the means for forming a nip area is a contact roller in a nip relationship with the raised surface roller.
- 30 7. The process according to Claim 6, wherein the contact roller has an elastic outer coating comprising rubber.

8. The process according to Claim 1, wherein the release coating on the raised surface roller comprises a polymer.

5 9. The process according to Claim 8, wherein the release coating is a polyinfused coating.

10 10. The process according to Claim 9, wherein the polyinfused coating comprises polytetrafluoroethylene.

11. The process according to Claim 1, wherein the raised surface roller has edges of raised surfaces having a radius of curvature of from 1/256 inch to 3/8 inch.

12. The process according to Claim 1, further comprising cooling the first and
15 second films after heating the selected portions of the films, the cooling being carried out by a means for cooling.

13. The process according to Claim 12, wherein the means for cooling comprises bringing the first film or the second film into contact with a cooling roller.

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14. The process according to Claim 12, wherein the cooling roller has a Shore A hardness of from 40 to 100.

15. The process according to Claim 13, wherein the cooling roller has a release
25 coating thereon.

16. The process according to Claim 15, wherein the release coating on the cooling roller comprises polytetrafluoroethylene.

17. The process according to Claim 1, wherein at least one member selected from
30 the first film and the second film is provided from a rollstock.

18. The process according to Claim 17, wherein any film provided from a rollstock is stress relaxed by being heated to a temperature above a Vicat softening point of but below a glass transition temperature before being brought into contact with another film.

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19. The process according to Claim 17, wherein the first film is provided from a first rollstock and the second film is provided from a second rollstock.